App No.: 10/524,817 Inventor: Akira MATSUDA et al. Title: 4'-THIONUCLEOTIDES REPLACEMENT SHEET

5'-TAATACGACTCACTATAGGGAGACCATGCACTTCCGGTTTCCC-3' DNA 3'-ATTATGCTGAGTGATATCCCTCTGGTACGTGAAGGCCAAAGGG-5' DNA 3'-ATTATGCTGAGTGATATCCCTCTGGTACGTGAAGGCCAAAGGG-5' DNA 5'-TAATACGACTCACTA' lane 5 lane 4 lane 2 lane 3 lane 1 T7 promoter GTP GTP+ATP+CTP+4'-thioUTP GTP+ATP+CTP+UTP GTP+ATP+CTP GTP+ATP 5'-GGGAGACCAUGCACUUCCGGUUUCCC-3' RNA TAGGGAGACCATGCACTTCCGGTTTCCC-3 DNA to be transcribed T7 RNA pol GGGAGA 999 GGGAGACCAUGCACUUCCGGUUUUCCC GGGAGACCA GGGAGACCAUGCACUUCCGGUUUCCC (SEQ ID NO: 2) (SEQ ID NO: 3) (SEQ ID NO: 1) (SEQ ID NO: 2) (SEQ ID NO: (SEQ (SEQ ID NO: ے ₽ **≅**

Fig. 7

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